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Office Memorandum • UNITED STATES GOVERNMENT 25X1

TO: The Files (Trip Report)  FROM:  SUBJECT: (RD-107 T.O. 4, VLF Antenna Study)  1. On 17 September 1956 a meeting was at Present were:	DATE: 20 September 1956  DOC 7 REV DATE 1 APR SY 064540  ORIG COMP 233 OPI 56 TYPE 02  ORIG CLASS PAGES AREV CLASS LIBERT 1942  held at the 25x1
2. The contractor is attacking the desis making an analytical comparison of the the proposal and at the same time he is building separate antennas and separate isolation states.  3. The contractor is making progress we test field has been in operation for two were termining optimum ferrite materials and dime program have indicated that unloaded Q's of loaded Q will be approximately 100 the curre element matrix. A test panel containing tensummation amplifier is being constructed. That the delivered antenna will use a ferrit with characteristics estimated to be twice a ferrites. As a result duplicates of the deliverensive.	ree designs suggested in his a model of the design with ges.  ith this model. The standard ks and has been used in de- nsions. Results of this 140 can be obtained. Since the nt design calls for a ten isolation amplifiers and the he contractor has indicated e prepared in the laboratory s good as production quality
4. The contractor expects to freeze th estimates that delivery can be made by 1 Nov	- ·
5. It has been agreed that it would be comparison for antennas at very low frequence the air core loops currently in use by the S will be tested in the standard field at the being arranged for and the week of September 24 to cooperate in the	ies. It has been decided that upplemental Programs Division A trip is of the SP Division 25X1
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